



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 134-08-E

Manufacturer: NY Thermal, Inc.
31 Industrial Dr.
Sussex, New Brunswick, CANADA E4E 2R7

Trade Name(s): HydroTherm

Product: Direct vent, gas-fired boilers
MEA Index #60-30 - Boilers

Pertinent Code Section(s): 27-800, 27-824, 27-886, RS 14-2(ANSI Z223.1)

Test(s): RS14-6 (ANSI Z21.13)

Laboratory: CSA International

Test Report(s): CSA Report #1225709 dated June 14, 2005 and August 14, 2006.

Description: Direct vent, gas-fired, low-pressure hot water boilers, **GX-series**, with stainless steel condensating heat exchanger, sealed modulation combustion system with hot surface ignition, are designed for residential use. Units, with model numbers and input heating ratings, are listed below:

Model No.	Input Rating (Btu/hr.)
GX150	150,000
GX200	200,000
GX400	399,000

Notes:

1. Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top, front, flue or vent connector, back, left and right sides – 0 inches.

2. Units may be direct vented as follows:

- Materials:- **VENT PIPING**
2" & 3"- ABS, CPVC, PVC
3"-AL29-4C stainless steel vent pipe, Rigid or Flex
- **AIR SUPPLY PIPING**
2" & 3"-ABS, CVS, PVC
3"-Galvanized steel vent pipe, Flex Aluminum

Vent Pipe Diameter: 2" or 3" (See manual)

Max. Vent Length: 40 feet plus termination – For 2" vent
105 feet plus termination – For 3" vent

Min. Vent Length: One (1) elbow plus 2 feet plus termination

Elbow: One (1) elbow = 5 feet

Vent Termination: (Refer to Manual for specific Instructions)
-90 degree elbow

Terms and Conditions: The above gas-fired, direct-vent hot water boilers are accepted on condition that:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Units shall be installed as per clearances to combustible construction specified above.
- 3) Units shall be fired with natural gas only.
- 4) Approved gas vent shall be in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
- 5) This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law but have been tested in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.

- 7) All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of New York City Building Code.
- 8) Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance May 21, 2008

Examined By Sian Derkshoem